



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

October 27, 2011

ADDENDUM #1

To: Plan Holders

From: Wanda H. Austin, PE *Wanda H. Austin*  
Proposals Engineer

RE:

Contract ID: DN00044  
TIP Number: ER-2971N  
Federal Aid: STP-000S (424)  
WBS Number: 3614.3.30; 43327  
County: Jackson  
Location: US 441 From US 441 Business (Casino Trail) to Whitewater Drive  
Description: Grade, Sidewalk, Traffic Control  
Letting Date: December 13, 2011

The incorrect item number for contract bid item #8 Concrete Curb Ramps was included on the Bid Sheet. Also the detail drawing was not included in the proposal. An amendment file has been posted online to use with the Expedite Bid 5.9a. Please use and insert the enclosed revised bid sheet in the proposal. Please insert this letter into the proposal and sign the verification below. Thank you for your attention to this matter.

I, \_\_\_\_\_ representing \_\_\_\_\_  
(SIGNATURE)

Acknowledge receipt of Addendum #1.

Attachment: Revised Bid Sheet  
Concrete Curb Ramp Detail

Fourteenth Division Office

Phone: (828)586-2141

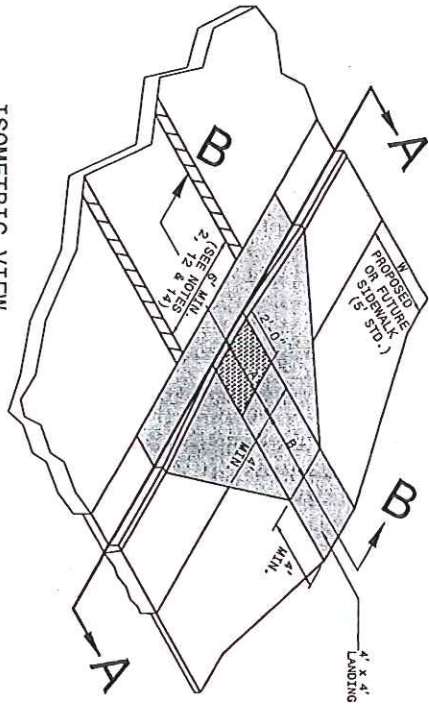
253 Webster Road, Sylva, North Carolina 28779

Fax: (828)586-4043

County : Jackson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0063000000-N	SP	GRADING	Lump Sum	L.S.	
0003	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	65 SY		
0004	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	30 TON		
0005	1525000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	10 TON		
0006	1575000000-E	SP	ASPHALT BINDER FOR PLANT MIX	2 TON		
0007	2591000000-E	848	4" CONCRETE SIDEWALK	1,426 SY		
0008	2759000000-N	SP	GENERIC PAVING ITEM CONCRETE CURB RAMPS	9 EA		
0009	2612000000-E	848	6" CONCRETE DRIVEWAY	18 SY		
0010	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	8 EA		
0011	4116100000-N	904	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	3 EA		
0012	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	116 SF		
0013	4415000000-N	1115	FLASHING ARROW PANELS, TYPE C	1 EA		
0014	4430000000-N	1130	DRUMS	27 EA		
0015	4435000000-N	1135	CONES	16 EA		
0016	4445000000-E	1145	BARRICADES (TYPE III)	100 LF		
0017	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	18 LF		
0018	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	44 LF		

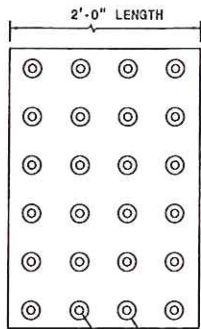
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0019	6000000000-E	1605	TEMPORARY SILT FENCE	2,682 LF		
0020	6036000000-E	1631	MATTING FOR EROSION CONTROL	776 SY		
0021	6071010000-E	SP	WATTLE	78 LF		
0022	6084000000-E	1660	SEEDING & MULCHING	0.7 ACR		
<b>WALL ITEMS</b>						
0023	3982000000-N	SP	GENERIC WALL ITEM TIMBER GRAVITY RETAINING WALL	Lump Sum	L.S.	
<b>1505/Oct27/Q5432.7/D79748210000/E23</b>						
<b>Total Amount Of Bid For Entire Project :</b>						



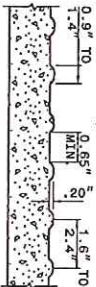
ISOMETRIC VIEW

NOTES:  
1. RAMP FLOOR AS SHOWN ON THE DETAILS  
2. DETECTABLE WARNING DOMES WILL CONTRAST VISIBILITY WITH ADJOINING SURFACE, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT SEQUENCE COVERING THE ENTIRE RAMP.

RAMP WIDTH AREA IS VARIABLE

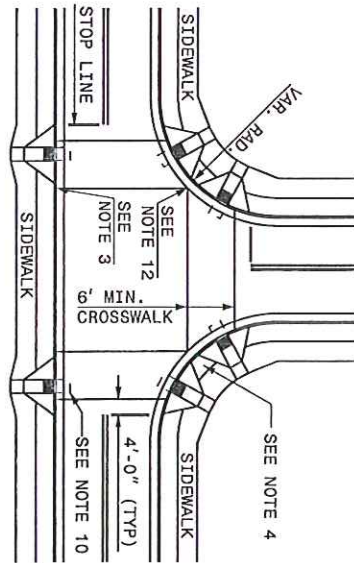


BASE DIAMETER  
0.9" R TO 1.40" R  
TOP DIAMETER OF NO LESS  
THAN 50% OF THE BASE  
DIAMETER

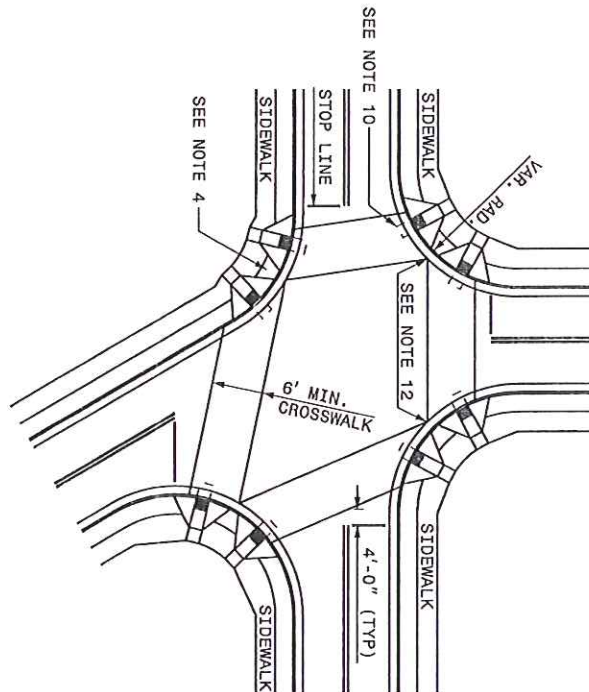
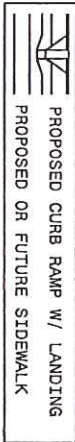


DETECTABLE WARNING DOMES

W	A	W+A+9"	X	B
5'	0.0'	5.8'	6.8'	5.0**
5'	0.0'	6.8'	6.8'	6.0**
7'	0.0'	7.8'	7.3'	6.5**
8'	0.0'	8.8'	7.3'	6.5**
5'	2.0'	7.8'	7.8'	5.0**
5'	2.5'	8.3'	8.1'	4.8'
5'	3.0'	8.8'	8.3'	4.4'
5'	3.5'	9.3'	8.4'	4.1'
5'	4.0'	9.8'	8.6'	3.8'
5'	4.5'	10.3'	8.7'	3.4'
5'	5.0'	10.8'	8.9'	3.1'



DETAIL SHOWING TYPICAL LOCATION OF CURB RAMP,  
PEDESTRIAN CROSSWALKS AND STOP LINES FOR TEE INTERSECTIONS



DETAIL SHOWING TYPICAL LOCATION OF CURB  
RAMP, PEDESTRIAN CROSSWALKS AND STOP LINES

ALLOWABLE LOCATIONS  
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DUAL RAMP RADI.....ANY



1-12

ENGLISH STANDARD DRAWING FOR

**CURB RAMPS**

NOTES

SHEET 3 OF 3  
848.05

**NOTES:**

1. CONSTRUCT THE RAMP SURFACE TO BE STABLE, FIRM, AND SLIP RESISTANT. CONSTRUCT THE CURB RAMP TYPE AS SHOWN IN THE PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER.
2. LOCATE CURB RAMPS AND PLACE PEDESTRIAN CROSSWALK MARKINGS AS SHOWN IN THE PAVEMENT MARKING PLANS. WHEN FIELD ADJUSTMENTS REQUIRE MOVING CURB RAMPS OR MARKINGS AS SHOWN, CONTACT THE SIGNING AND DELINEATION UNIT OR LOCATE AS DIRECTED BY THE ENGINEER.
3. COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4'x4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL WITHIN THE PEDESTRIAN CROSSWALK LINES.
4. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL LANE IS 4' MINIMUM.
5. REFER TO THE PAVEMENT MARKING PLANS FOR STOP BAR LOCATIONS AT SIGNALIZED INTERSECTIONS. IF A PAVEMENT MARKING PLAN IS NOT PROVIDED, CONTACT THE SIGNAL DESIGN SECTION FOR THE STOP BAR LOCATIONS OR LOCATE AS DIRECTED BY THE ENGINEER.
6. TERMINATE PARKING A MINIMUM OF 20' BACK OF A PEDESTRIAN CROSSWALK.
7. CONSTRUCT CURB RAMPS A MINIMUM OF 4' WIDE.
8. CONSTRUCT THE RUNNING SLOPE OF THE RAMP 8.33% MAXIMUM.
9. ALLOWABLE CROSS SLOPE ON SIDEWALKS AND CURB RAMPS WILL BE 2% MAXIMUM.
10. CONSTRUCT THE SIDE FLARE SLOPE A MAXIMUM OF 10% MEASURED ALONG THE CURB LINE.
11. CONSTRUCT THE COUNTER SLOPE OF THE GUTTER OR STREET AT THE BASE OF THE CURB RAMP A MAXIMUM OF 5% AND MAINTAIN A SMOOTH TRANSITION.
12. CONSTRUCT LANDINGS FOR SIDEWALK A MINIMUM OF 4'x4' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION. CONSTRUCT LANDINGS FOR MEDIAN ISLANDS A MINIMUM OF 5'x5' WITH A MAXIMUM SLOPE OF 2% IN ANY DIRECTION.
13. TO USE A MEDIAN ISLAND AS A PEDESTRIAN REFUGE AREA, MEDIAN ISLANDS WILL BE A MINIMUM OF 6' WIDE. CONSTRUCT MEDIAN ISLANDS TO PROVIDE PASSAGE OVER OR THROUGH THE ISLAND.
14. SMALL CHANNELIZATION ISLANDS THAT CAN NOT PROVIDE A 5'x5' LANDING AT THE TOP OF A RAMPS, WILL BE CUT THROUGH LEVEL WITH THE SURFACE STREET.
15. CURB RAMPS WITH RETURNED CURBS MAY BE USED ONLY WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. THE ADJACENT SURFACE IS PLANTING OR OTHER NON-WALKING SURFACE OR THE SIDE APPROACH IS SUBSTANTIALLY OBSTRUCTED.
16. PLACE A 1/2" EXPANSION JOINT WHERE THE CONCRETE CURB RAMP JOINS THE CURB AS SHOWN IN ROADWAY STANDARD DRAWING 848.01
17. PLACE ALL PEDESTRIAN PUSH BUTTON ACTUATORS AND CROSSING SIGNALS AS SHOWN IN THE PLANS OR AS SHOWN IN THE MUTCD.
18. CURB RAMPS THROUGH MEDIAN ISLANDS, SINGLE RAMPS AT DUAL CROSSWALKS OR LIMITED R/W SITUATIONS, WILL BE HANDLED BY SPECIAL DETAILS. CONTACT THE CONTRACT STANDARDS AND DEVELOPMENT UNIT FOR THE DETAILS OR FOR A SPECIAL DESIGN.

ENGLISH STANDARD DRAWING FOR

**CURB RAMPS**

NOTES

SHEET 3 OF 3  
848.05